

10/539290

Atty. Dkt. No. 017525-0187

JC17 Rec'd PCT/PTO 16 JUN 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenji SATO

Title: LIGHT DISPERSION FILTER AND OPTICAL MODULE

Intl. Appl. No.: PCT/JP2003/016022, filed 12/15/2003

Appl. No.: Unassigned

Filing Date: 06/16/2005

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

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RELEVANCE OF EACH DOCUMENT

Several of the documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner.

Applicant also provides copies of English-language abstracts that are attached to copies of foreign-language documents that are also listed on the attached PTO/SB/08.

Applicant respectfully requests that each listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date June 16, 2005

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JCT7 Rec'd PCT/PTO 10 JUN 2005

Substitute for form 1449B/PTO				Complete if Known 107539290	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned
Date Submitted: June 16, 2005				Filing Date	06/16/2005
(use as many sheets as necessary)				First Named Inventor	Kenji SATO
Sheet	1	of	1	Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	017525-0187

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,293,548		Siebert	03-08-1994	
		6,570,691	B1	Miyauchi et al.	05-27-2003	
		2001/0021053	A1	Colbourne et al.	09-13-2001	
		2002/0064334	A1	Jablonski et al.	05-30-2002	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		WO	01/86328	A1	Oyokoden Lab. Co., Ltd.	11-15-2001		
		WO	98/35259		Fujitsu Ltd.	08-13-1998		
		EP	0 562 828	A1	Hughes Aircraft Co.	09-29-1993		
		JP	10-048567		Hitachi Ltd.	02-20-1998	Abstract	
		JP	02-178635		Fujitsu Ltd.	07-11-1990	Abstract	
		JP	2000-105313		Kikuchi Kazuro et al.	04-11-2000	Abstract	
		JP	10-242910		Fujitsu Ltd.	09-11-1998	Abstract	
		JP	05-181028		Nippon Telegr & Teleph Corp.	07-23-1993	Abstract	
		JP	2000-252920		Mitsubishi Elec. Corp.	09-14-2000	Abstract	
		JP	05-323391		Nippon Telegr & Teleph Corp.	12-07-1993	Abstract	
		JP	06-160604		Hughes Aircraft Co.	06-07-1994	Abstract	
		JP	2002-122732		Oyokoden Lab. Co., Ltd.	04-26-2002	Abstract	
		JP	2001-215325		Japan Aviation Elec. Ind. Ltd.	08-10-2001	Abstract	
		JP	09-113415		Sumitomo Elec. Ind. Ltd.	05-02-1997	Abstract	
		JP	2001-305339		Oyokoden Lab. Co., Ltd.	10-31-2001	Abstract	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		DOWLING, E. M., et al., "Lightwave Lattice Filters for Optically Multiplexed Communication Systems", J. Light. Technol., vol 12, no. 3, pp. 471-486 (1994).	
		LENZ, G., et al., "Dispersive Properties of Optical Filters for WDM Systems", IEEE J. Quantum Elect., vol. 34, no. 8, pp. 1390-1402 (1998).	
		MOSS, D. J., "Multichannel tunable dispersion compensation using all-pass multicavity etalons", OFC, Uniphase Corp., Ottawa, Ont. Canada, pp. 132-133 (2002).	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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